

What is claimed is:

SAV 1. A resin composite comprising a resin and aluminum
hydroxide having an average primary-particle diameter of
about 100 nm or smaller, wherein said composite has an index
5 Y/X of 0.1 or less provided that the value X is an average
value of intensities of aluminum characteristic X-ray
measured by scanning a beam on a straight line on the composite
with an electron-probe X-ray microanalyzer and the value Y
is a standard deviation of the intensities.

10 2. The resin composite according to claim 1 wherein
the resin is a synthetic resin selected from vinyl acetate
resin, acrylic resin, silicon resin, polybutene resin,
copolymer resins of vinyl acetate and ethylene, styrene,
acrylic acid or vinyl chloride, polystyrene,
15 styrene-butadiene rubber, butadiene rubber, chloroprene
rubber and isoprene rubber.

3. A method for producing a resin composite
comprising the steps of mixing an aqueous resin emulsion
containing a resin with aluminum hydroxide having an average
20 primary-particle diameter of 100 nm or smaller, letting the
resin and the aluminum hydroxide therein aggregate to obtain
a slurry containing a resin composite and separating the
composite from the slurry.

4. The process according to claim 3 wherein the
25 aqueous resin emulsion is an emulsion which is prepared by

dispersing and emulsifying a synthetic resin selected from vinyl acetate resin, acrylic resin, silicon resin, polybutene resin, copolymer resins of vinyl acetate and ethylene, styrene, acrylic acid or vinyl chloride, polystyrene,
5 styrene-butadiene rubber, butadiene rubber, chloroprene rubber and isoprene rubber, in water.

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